

## SILICONE RESIN COMPOSITION AND LOW-VOLTAGE FIRE-RESISTING CABLE USING IT

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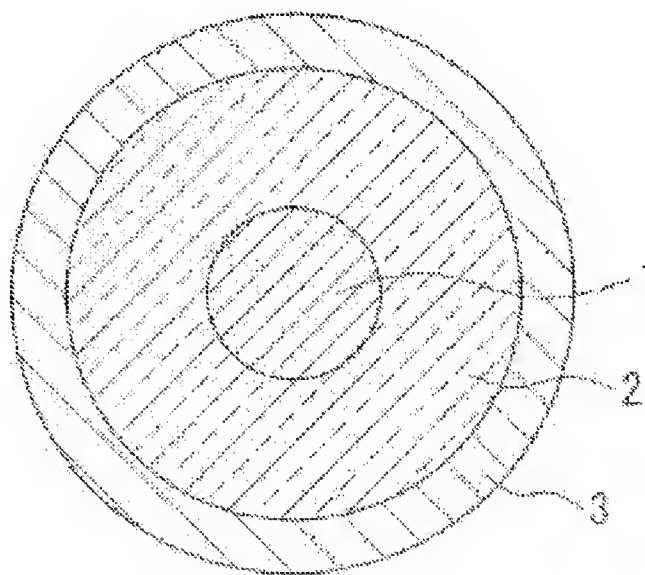
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Abstract of **JP 2003100149 (A)**

**PROBLEM TO BE SOLVED:** To provide high fire resistance and to enhance electric insulation capability of a fire-resisting insulating layer, in a low-voltage fire-resisting cable with the fire-resisting insulating layer made of a silicone resin composition formed on a conductor. **SOLUTION:** A substance with mica fine powder added in a silicone resin in addition to glass frit containing alkaline metal having a softening start temperature of 500 deg.C or below and a crystallization start temperature of 840 deg.C or below is used for this silicone resin composition. This low-voltage fire-resisting cable with the fire-resisting insulating layer 2 made of the silicone resin composition and cross-linked formed on the conductor 1 is used.



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